

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for connecting to the Internet using a mobile terminal, the method comprising:

receiving an internet connection request signal from the mobile terminal;
determining whether the received internet connection request signal is a
number domain connection request signal, wherein the number
domain connection request signal comprises an identifier for
identifying the number domain connection request signal, a number
domain inputted by a user, and a user index for identifying the user;
determining whether the number domain of the number domain
connection request signal exists in a pre-stored number structure,
wherein the number domain comprises a contents classification
number, a first domain number, and a second domain number;
converting the number domain into a letter domain if the number domain
exists in the pre-stored number structure, ~~wherein the number of
bytes allocated to a classification in a number domain is
predetermined;~~ and
transmitting website information corresponding to the converted letter
domain to the mobile terminal ~~in a divided size corresponding to a
size of a display of the mobile terminal,~~
wherein;

the first domain number is a number indicating a highest level domain; and the second domain number is a number indicating corresponding to a site name of a site and corresponding to a letter designated on a keypad of the mobile terminal;

the contents classification number, the first domain number, and the second domain number are arranged in the number domain according to a predetermined sequence;

the contents classification number is a pre-set shortcut number according to a classification of the contents, and the first domain number is a pre-set shortcut number associated with each of the highest level domains; and

the first domain number, the second domain number, and the contents classification number are can be determined arbitrarily by the user, respectively.

2.-8. (Canceled)

9. (Currently Amended) A method for connecting to the Internet using a mobile telephone, the method comprising:

receiving an internet connection request signal from the mobile telephone;

determining whether the received internet connection request signal is a number domain connection request signal or a letter domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;

analyzing a number structure of ~~[[a]]~~ the number domain of the number domain connection request signal if the number domain connection request signal is received, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

determining whether the analyzed number structure exists in a pre-stored number structure;

converting the number domain into a letter domain if the analyzed number structure exists in the pre-stored number structure, ~~wherein the number of bytes allocated to a classification in a number domain is predetermined;~~ and

transmitting information of a site corresponding to the converted letter domain through a network ~~in a divided size corresponding to a size of a display of the mobile telephone,~~

wherein:

the first domain number is a number indicating a highest level domain and the second domain number is a

~~number indicating corresponding to a site name of the
site and corresponding to a letter designated on a key-
pad of the mobile telephone;~~

the contents classification number, the first domain number,
and the second domain number are arranged in the
number domain according to a predetermined
sequence;

the contents classification number is a pre-set shortcut
number according to a classification of the contents,
and the first domain number is a pre-set shortcut
number associated with each of the highest level
domains;

and

the first domain number, the second domain number, and
the contents classification number ~~are~~ can be
determined arbitrarily by the user, respectively.

10. (Previously Presented) The method of claim 9, further comprising:

receiving the number domain corresponding to the letter domain of the site
from an operator of the site;
determining whether the number domain exists in the pre-stored number
domain; and

registering the received number domain as a number domain of the site if
the number domain does not exist in the pre-stored number domain.

11. (Previously Presented) The method of claim 9 further comprising registering at least one of the number domain and the letter domain corresponding to the site.

12. (Canceled)

13. (Currently Amended) An internet connection system using a mobile telephone, the system comprising:

means for receiving an internet connection request signal from the mobile telephone;

means for determining whether the received internet connection request signal is a number domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;

means for determining whether [[a]] the number domain of the number domain connection request signal exists in a pre-stored number structure, wherein the number domain comprises a contents classification number, a first domain number and a second domain number;

means for converting the number domain into a letter domain if the

number domain exists in the pre-stored number structure, ~~wherein~~

~~the number of bytes allocated to a classification in a number~~

~~domain is predetermined; and~~

means for transmitting information of a site corresponding to the converted

letter domain through a network ~~in a divided size corresponding to~~

~~a size of a display of the mobile telephone,~~

wherein:

the first domain number is a number indicating a highest

level domain and the second domain number is a

number indicating ~~corresponding to a site~~ name of the

~~site and corresponding to a letter designated on a key~~

~~pad of the mobile telephone;~~

the contents classification number, the first domain number,

and the second domain number are arranged in the

number domain according to a predetermined

sequence;

the contents classification number is a pre-set shortcut

number according to a classification of the contents,

and the first domain number is a pre-set shortcut

number associated with each of the highest level

domains; and

the first domain number, the second domain number, and
the contents classification number ~~are~~ can be
determined arbitrarily by the user, respectively.

14. (Previously Presented) The system of claim 13, further comprising:

means for receiving the number domain corresponding to the letter
domain from an operator of the site;

means for determining whether the number domain exists in the pre-
stored number domain; and

means for registering the received number domain as a number domain of
the site if the number domain does not exist in the pre-stored
number domain.

15. (Currently Amended) An internet connection system using a mobile telephone,
the system comprising:

means for receiving an internet connection request signal from the mobile
telephone;

means for determining whether the received internet connection request
signal is a number domain connection request signal or a letter
domain connection request signal, wherein the number domain
connection request signal comprises an identifier for identifying the
number domain connection request signal, a number domain
inputted by a user, and a user index for identifying the user;

means for analyzing a number structure of ~~[[a]]~~ the number domain of the number domain connection request signal if the number domain connection request signal is received, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

means for determining whether the analyzed number structure exists in a pre-stored number structure;

means for converting the number domain into a letter domain if the analyzed number structure exists in the pre-stored number structure, ~~wherein the number of bytes allocated to a classification in a number domain is predetermined;~~ and

means for transmitting information of a site corresponding to the converted letter domain through a network ~~in a divided size corresponding to a size of a display of the mobile telephone,~~

wherein:

the first domain number is a number indicating a highest level domain and the second domain number is a number indicating ~~corresponding to a~~ site name of the ~~site and corresponding to a letter designated on a key pad of the mobile telephone;~~

the contents classification number, the first domain number,
and the second domain number are arranged in the

number domain according to a predetermined
sequence;

the contents classification number is a pre-set shortcut
number according to a classification of the contents,
and the first domain number is a pre-set shortcut
number associated with each of the highest level
domains; and

the first domain number, the second domain number, and
the contents classification number are can be
determined arbitrarily by the user, respectively.

16. (Currently Amended) A system for connecting to the Internet wirelessly using a number-based domain, the system comprising:

a memory in which a program is stored; and

a processor executing the program coupled to the memory, wherein the
program performs a method comprising:

receiving an internet connection request signal from a mobile
terminal;

determining whether the received internet connection

request signal is a number domain connection

request signal, wherein the number domain

connection request signal comprises an identifier for

identifying the number domain connection request

signal, a number domain inputted by a user, and a user index for identifying the user;

determining whether ~~[[a]]~~ the number domain of the number domain connection request signal exists in a pre-stored number structure, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

converting the number domain into a letter domain if the number domain exists in the pre-stored number structure, ~~wherein the number of bytes allocated to a classification in a number domain is predetermined;~~

and

transmitting information of a website corresponding to the converted letter domain to the mobile terminal through a network by the program ~~in a divided size corresponding to a size of a display of the mobile terminal,~~

wherein:

the first domain number is a number indicating a highest level domain and the second domain number is a number indicating ~~corresponding to a~~ site name of the website ~~and corresponding to a letter~~

~~designated on a key pad of the mobile
terminal;~~

the contents classification number, the first
domain number, and the second domain
number are arranged in the number
domain according to a predetermined
sequence;

the contents classification number is a pre-set
shortcut number according to a
classification of the contents, and the
first domain number is a pre-set shortcut
number associated with each of the
highest level domains; and

the first domain number, the second domain
number, and the contents classification
number ~~are~~ can be determined
arbitrarily by the user, respectively.

17. (Currently Amended) A system for connecting to the Internet wirelessly using a number-based domain, the system comprising:
- a memory in which a program is stored; and
 - a processor executing the program coupled to the memory, wherein the program performs a method comprising:

receiving an internet connection request signal from a mobile telephone;

determining whether the received internet connection request signal is a number domain connection request signal or a letter domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;

analyzing a number structure of ~~[[a]]~~ the number domain of the number domain connection request signal if the number domain connection request signal is received, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

determining whether the analyzed number structure exists in a pre-stored number structure;

converting the number domain into a letter domain if the analyzed number structure exists in the pre-stored number structure, ~~wherein the number of bytes allocated to a classification in a number domain is predetermined;~~ and

transmitting information of a site corresponding to the
converted letter domain through a network by the
program ~~in a divided size corresponding to a size of a~~
~~display of the mobile telephone,~~
wherein:

the first domain number is a number indicating
a highest level domain and the second
domain number is a number indicating
~~corresponding to a site~~ name of the site
and corresponding to a letter designated
on a ~~key pad of the mobile telephone;~~

the contents classification number, the first
domain number, and the second domain
number are arranged in the number
domain according to a predetermined
sequence;

the contents classification number is a pre-set
shortcut number according to a
classification of the contents, and the
first domain number is a pre-set shortcut
number associated with each of the
highest level domains; and

the first domain number, the second domain
number, and the contents classification
number ~~are~~ can be determined
arbitrarily by the user, respectively.